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NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

OAK
SUPPLEMENT

PHOTOGRAPHIC INTERPRETATION REPORT

KH-4 MISSION 1109

IPIR NUMBER 3

OAK SUPPLEMENT PART I

5-23 MARCH 1970

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Channels Only**

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TCS-20066/70

MARCH 1970

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**TARGET CATEGORIES
AND
ASSOCIATED NTP FUNCTIONAL AREAS (CODES)**


- | | |
|---|---|
| 1. STRATEGIC SSM
Deployed Strategic SSM Facilities (A) | 7. GROUND
Ground Force Facilities (G) |
| 2. MISSILE RANGES
Missile Ranges Strategic SSM/Space Facilities (P)
Missile Ranges Air-Launched Missile Facilities (Q)
Missile Ranges Naval-Launched Missile Facilities (R)
Missile Ranges Tactical SSM Facilities (S)
Missile Ranges SAM/AMM Facilities (T) | 8. TACTICAL SSM
Deployed Tactical SSM Facilities (H) |
| 3. AIR DEFENSE MISSILES
Deployed AMM Facilities (B)
Deployed SAM Facilities (D) | 9. LOGISTICS
Military Logistics Facilities (K) |
| 4. ELECTRONICS/COMMUNICATIONS
Deployed Communication/Electronic/Radar Facilities (C) | 10. NUCLEAR ENERGY
Atomic Energy Facilities (O) |
| 5. AIR
Air Base Facilities (E) | 11. CBR
CBR Facilities (V) |
| 6. NAVAL
Naval Base Facilities (F) | 12. INDUSTRY
Strategic Weapons Industrial Facilities (J)
General Purpose Weapons Industrial Facilities (L)
Non-Military Industrial Facilities (N)
Communication/Electronic/Radar R&D Facilities (U) |
| | 13. MISCELLANEOUS
Non-Military Logistics Facilities (M)
Miscellaneous/Unidentified Facilities (Z) |

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

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25X6

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PREFACE

PREFACE

THIS IS THE FIRST OF SEVERAL OAK SUPPLEMENT REPORTS ON MISSION 1109 AND PROVIDES INFORMATION ON THE 2A PRIORITY COMIREX TARGETS OBSERVED ON PHOTOGRAPHY.

ALL SIGNIFICANT ACTIVITY AT ICBM AND MR/IRBM COMPLEXES AND AT MISSILE TEST CENTERS IS REPORTED UNDER THE COMPLEX/TEST CENTER NAME. COMPONENTS OF THE COMPLEX AND TEST CENTER AND THOSE TARGETS REQUIRING EXTENT AND QUALITY OF COVERAGE ONLY WILL NOT BE PUBLISHED BUT WILL BE ENTERED INTO THE NPIC TARGET BRIEF FILE. THOSE ORGANIZATIONS REQUIRING A TOTAL ACCOUNTING OF ALL DATA WILL BE PROVIDED A MACHINE PRINTOUT OR MAGNETIC TAPE AS DESIRED. REQUEST FOR THESE SHOULD BE SUBMITTED WITHIN TWO MONTHS FROM THE DATE OF THE FINAL REPORT ON THIS MISSION TO NPIC, CHIEF, REQUIREMENTS AND ANALYSIS DIVISION. FOR ADDITIONAL PREFACE DETAILS SEE OAK PART 1, 1109-1.

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HIGHLIGHTS

MISSION HIGHLIGHTS

USSR

GROUND FORCE ACTIVITY

EXPANSION ACTIVITY IS NOTED AT NOVOSIBIRSK ARMY BARRACKS NORTH AL-7. EIGHT NEW BUILDINGS AND FOUNDATIONS FOR FIVE BUILDINGS ARE OBSERVED AT THIS INSTALLATION IN THE SIBERIAN MILITARY DISTRICT. THIS NEW CONSTRUCTION HAS BEEN INITIATED SINCE [REDACTED]

25X1D

AIR ACTIVITY

THIRTY FLAGON SUPERSONIC POINT-INTERCEPTOR AIRCRAFT ARE OBSERVED AT YOSHKAR-OLA AIRFIELD ON [REDACTED] THIS IS A MARKED INCREASE OVER THE 14 FLAGON PRESENT IN [REDACTED] AND THE 24 PRESENT IN [REDACTED]

25X1D

25X1D

25X1D

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CHINA, COMMUNIST
AIR BASE FACILITIES

SIGNIFICANT RESULTS

HSU-CHOU/CHIU-LIU-SHAN AIRFIELD
[REDACTED] NAC

34-17-12N 117-09-55E

25X1D

25X1A

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
13 SMALL POSS STRAIGHT-WING

25X1D

HSU-CHOU/TA-KOU-CHUANG AIRFIELD

34-13-48N 117-14-42E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

SIX AIRCRAFT PARKING REVETMENTS IN THE PARKING AREA NORTH OF THE AIRFIELD HAVE BEEN RECONSTRUCTED SO THAT THEIR ENTRANCES FACE AWAY FROM THE RUNWAY. TEN OF THE REVETMENTS IN THIS AREA HAVE BEEN IMPROVED WITH CONCRETE HARDSTANDS. TWO NEW REVETMENTS HAVE BEEN CONSTRUCTED IN THE PARKING AREA SOUTH OF THE AIRFIELD. BUILDINGS HAVE BEEN CONSTRUCTED IN 11 OF THE OLD REVETMENTS. CONSTRUCTION CONTINUES ON THE TUNNELS AND THE TAXIWAY.

AIR ORDER OF BATTLE:
9 SMALL POSS AIRCRAFT

25X1D

HUAI-TE AIRFIELD

43-31-19N 124-47-02E

25X1D

25X1A

NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
2 LIGHT STRAIGHT-WING 4 POSS LIGHT STRAIGHT-WING

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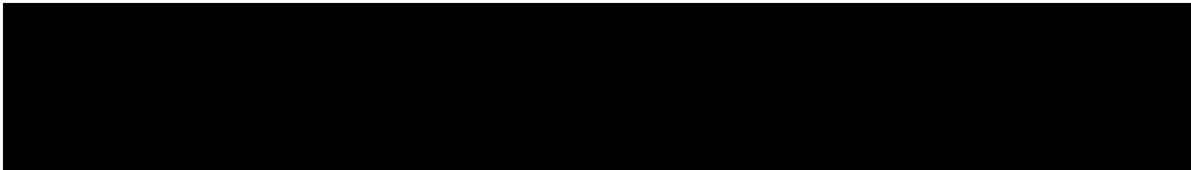
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CHINA, COMMUNIST
AIR BASE FACILITIES

25X1D



KAI-YUAN AIRFIELD

42-31-27N 123-59-16E

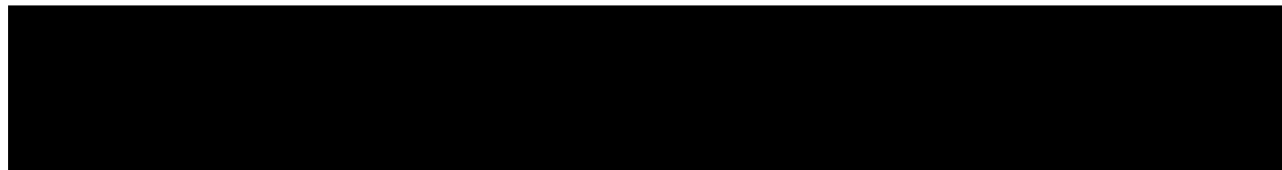
25X1D

NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
31 SMALL SWEPT-WING

25X1D



LING-CHIU AIRFIELD

39-24-18N 114-09-14E

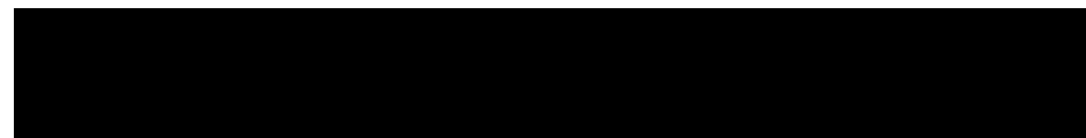
25X1D

STATUS: OPERATIONAL

REMARKS:
THE STATUS OF CONSTRUCTION OF THE SUPPORT FACILITIES IS
UNDETERMINED.

AIR ORDER OF BATTLE:
11 SMALL PROB SWEPT-WING

25X1D



SSU-PING AIRFIELD 1

43-09-17N 124-17-42E

25X1D

NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
4 SMALL SWEPT-WING
3 SMALL STRAIGHT-WING

16 SMALL POSS AIRCRAFT

25X1A

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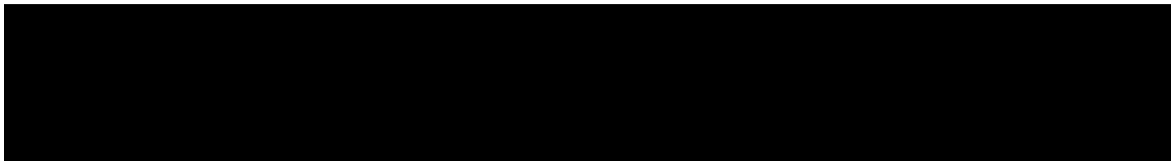
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CHINA, COMMUNIST
AIR BASE FACILITIES

25X1D



25X1D

TAN-TUNG AIRFIELD

NAC

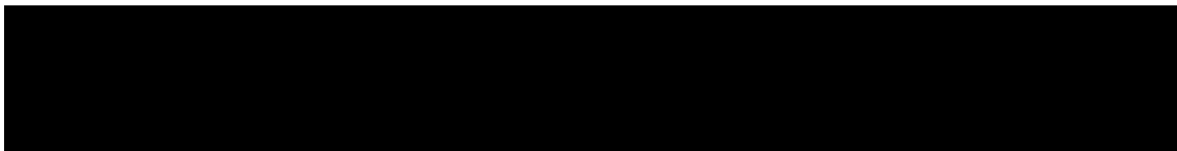
40-01-15N 124-17-19E

25X1A

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
9 SMALL SWEEP-WING (3 UNDER
NETTING)

25X1D



25X1D

TAN-TUNG/TA-TUNG-KOU AIRFIELD

NAC

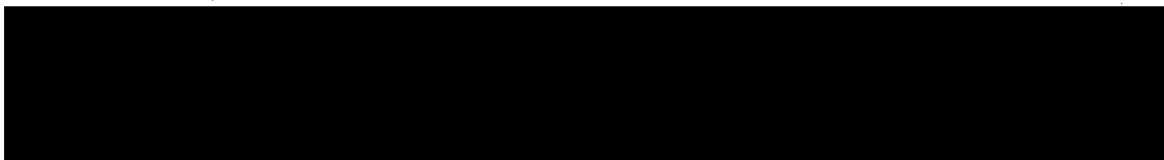
39-56-51N 124-08-48E

25X1A

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
12 SMALL SWEEP-WING

25X1D



25X1D

TA-PAO AIRFIELD

40-32-13N 124-13-48E

25X1A

STATUS: OPERATIONAL

REMARKS:

TWO OF THE THREE TUNNELS UNDER CONSTRUCTION IN THE HILLS NE OF
THE AIRFIELD AND THE TWO TAXIWAYS CONNECTING THE TUNNELS WITH
THE RUNWAY ARE COMPLETE. TWO TUNNELS ARE UNDER CONSTRUCTION ON
THE NW SIDE OF THE RIDGE ADJACENT TO THE CENTER AIRCRAFT
DISPERSAL PARKING AREA. TWENTY-SEVEN OF THE 38 SMALL
SWEEP-WING AIRCRAFT ARE PARKED AT THE NE END OF THE EXTENDED
RUNWAY NEAR THE TUNNELS.

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CHINA, COMMUNIST
AIR BASE FACILITIES

AIR ORDER OF BATTLE:
38 SMALL SWEEP-WING

25X1D

OTHER RESULTS-NO APPARENT CHANGE

KA-ERH-MU AIRFIELD

25X1D

NAC

36-48-10N 095-20-50E

25X1A

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

Continued

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CHINA, COMMUNIST
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

HSU-CHOU ARMY BARRACKS AL 7
NAC

34-17-15N 117-08-45E

25X1D

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
3 SMALL ROWS OF
VEHICLES/PIECES OF
EQUIPMENT

25X1D

HSU-CHOU ARMY BKS EAST-SOUTHEAST AL 2
NAC

34-15-30N 117-16-30E

25X1D

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
10 VEHICLES/PIECES OF
EQUIPMENT

25X1D

KA-ERH-MU ARMY SUPPLY + ORD RPR DPO

36-23-//N 094-55-//E

25X1D

25X1A

STATUS:OCCUPIED

REMARKS:
CONSTRUCTION CONTINUES ON SEVERAL BUILDINGS. LARGE QUANTITIES
OF UNIDENTIFIED MATERIAL ARE OBSERVED THROUGHOUT THE
INSTALLATION.

GROUND FORCE ORDER OF BATTLE:
NUMEROUS VEHICLES/PIECES OF
EQUIPMENT

25X1D

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CHINA, COMMUNIST
GROUND FORCE FACILITIES

25X1D



SHANG-CHIU ARMY BKS SOUTHWEST AL 3
[REDACTED] NAC

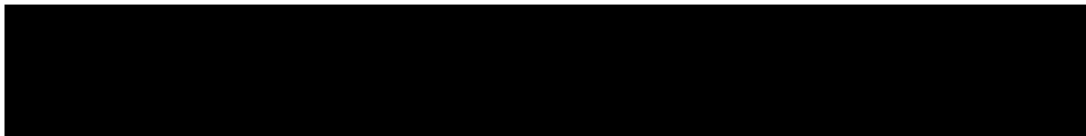
34-23-00N 115-35-00E

25X1D

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
16 VEHICLES/PIECES OF
EQUIPMENT (AT LEAST)



25X1D

OTHER RESULTS-NO APPARENT CHANGE

CHIA-WANG ARMY BARRACKS AL 3
[REDACTED] NAC

34-28-30N 117-28-50E

25X1D

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE



25X1D

CHU-HSIUNG ARMY BKS AND STORAGE AREA
[REDACTED] NAC

25-04-42N 101-29-55E

25X1D

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE



25X1D

CHU-HSIUNG BARRACKS AREA SOUTH
[REDACTED] NAC

25-01-15N 101-32-50E

25X1D

25X1A

STATUS:OCCUPIED

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CHINA, COMMUNIST
GROUND FORCE FACILITIES

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

HSI-CHANG ARMY BARRACKS WEST-NORTHWEST
[REDACTED] NAC

27-54-40N 102-13-20E

25X1A

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

HSI-CHANG BARRACKS AREA
[REDACTED] NAC

27-53-45N 102-15-50E

25X1A

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

HSU-CHOU AMMO DEPOT LL 2
[REDACTED] NAC

34-16-32N 117-13-58E

25X1A

STATUS: OPERATIONAL

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

HSU-CHOU AMMO STOR DEPOT SW PUG LL 1
[REDACTED] NAC

34-12-05N 117-09-25E

25X1A

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

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CHINA, COMMUNIST
GROUND FORCE FACILITIES

25X1D

[REDACTED]

25X1D

HSU-CHOU ARMY BARRACKS EAST AL 8
[REDACTED] NAC

34-16-12N 117-14-27E

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

HSU-CHOU ARMY BARRACKS NORTH AL 4
[REDACTED] NAC

34-19-10N 117-12-10E

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

HSU-CHOU ARMY BARRACKS SOUTHWEST AL 9
[REDACTED] NAC

34-13-35N 117-11-00E

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

HSU-CHOU ARMY BKS NORTHWEST AL 5
[REDACTED] NAC

34-18-55N 117-11-00E

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

TOP SECRET RUFF

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CHINA, COMMUNIST
GROUND FORCE FACILITIES

HSU-CHOU ARMY BKS + AMMO DEPOT E AL 6

34-15-32N 117-12-39E

25X1D

NAC

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

HSU-CHOU HQ 68TH ARMY AND BKS AL 7

34-14-55N 117-11-00E

25X1D

NAC

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

HUAI-TE ARMY BKS AL 1

43-29-50N 124-49-10E

25X1D

NAC

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

SHANG-CHIU ARMY BARRACKS AL 1

34-27-00N 115-39-40E

25X1D

NAC

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

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CHINA, COMMUNIST
GROUND FORCE FACILITIES

SHANG-CHIU ARMY BARRACKS AL 4

34-23-50N 115-37-10E

25X1D

NAC

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

SHANG-CHIU ARMY BKS CENTRAL SOUTH AL 2

34-25-55N 115-38-45E

25X1D

NAC

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

SSU-PING AMMUNITION DEPOT SE

43-06-18N 124-38-13E

25X1D

NAC

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

SSU-PING ARMY BARRACKS NORTHEAST AL 3

43-11-34N 124-25-35E

25X1D

NAC

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

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CHINA, COMMUNIST
GROUND FORCE FACILITIES

YANG-KAO ARMY BKS WEST-NORTHWEST AL 1
[REDACTED] NAC

40-21-44N 113-44-01E

25X1D

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

YEN-YUAN MILITARY INSTALLATION
[REDACTED] NAC

27-23-00N 101-33-00E

25X1D

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

[REDACTED]

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CHINA, COMMUNIST
INDUSTRY

OTHER RESULTS-NO APPARENT CHANGE

25X1D

LENG-HU PETROLEUM REFINERY AND STORAGE

38-36-40N 093-22-30E

25X1A

STATUS: OPERATIONAL

25X1D

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25X2

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UNITED ARAB REPUBLIC
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

MINA BARANIS PORT FACILITIES

25X1D

NAC

23-56-40N 035-29-15E

25X1A

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:
2 MERCHANT SHIPS

25X1D

WADI ABU GHUSUN PORT FACILITIES

25X1D

NAC

24-27-15N 035-12-07E

25X1A

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:
2 SMALL COMBATANTS ON QUAY

25X1D

16

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25X6

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SYRIA
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

AL LADHIQIYAH NVB AL MINA AL BAYDAH
25X1D [REDACTED] NAC

35-36-32N 035-46-09E

25X1A

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:
3 PROB COMBATANTS

3 PROB SMALL CRAFT

25X1D

AL LADHIQIYAH PORT FACILITIES

35-30-47N 035-45-52E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION ON THE BREAKWATER DOES NOT APPEAR TO BE COMPLETE.

NAVAL ORDER OF BATTLE:
23 FREIGHTERS

25X1D

TARTUS PORT FACILITIES

34-54-50N 035-52-20E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

TWO LARGE WAREHOUSE-TYPE BUILDINGS APPEAR TO BE COMPLETE, AND
THREE ADDITIONAL LARGE WAREHOUSE-TYPE BUILDINGS ARE UNDER
CONSTRUCTION ON TWO OF THE MOLES.

NAVAL ORDER OF BATTLE:
4 FREIGHTERS

25X1D

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JORDAN
MISCELLANEOUS

OTHER RESULTS-NO APPARENT CHANGE

AL AQABAH COMPLEX

29-31-30N 035-00-25E

25X1D

NAC

25X1A

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



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SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

OTHER RESULTS-NO APPARENT CHANGE

CHEKHOV POSSIBLE COMMAND/CONTROL FAC
NAC

55-09-55N 037-15-20E

25X1D

25X1A

STATUS: OPERATIONAL

25X1D

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SOVIET UNION
COMMO/ELEC/RADAR FACILITIES

SIGNIFICANT RESULTS

AKCHATUA MICROWAVE FAC SEARCH

48-02-30N 074-04-30E

25X1D

STATUS: UNKNOWN

REMARKS:

THE FACILITY CONSISTS OF A TALL LATTICE TOWER AND A BUILDING AT THE TOWER BASE. NO MICROWAVE ELEMENTS CAN BE IDENTIFIED DUE TO SMALL SCALE OF PHOTOGRAPHY.

25X1D

DZHARDZHAN TROPO STA

68-51-00N 124-05-00E

25X1D

STATUS: OPERATIONAL

REMARKS:

THE FACILITY CONSISTS OF TWO TYPE II, TWO TYPE IIA TROPOSCATTER ANTENNAS, ONE TRANSMITTER BUILDING, SIX SUPPORT BUILDINGS, AND 40 HORIZONTAL FUEL STORAGE TANKS.

25X1D

GOLITSYNO HF COMMUNICATIONS FACILITY

55-34-55N 037-00-30E

25X1D

STATUS: OPERATIONAL

REMARKS:

FOUR LARGE NEW APARTMENT-TYPE BUILDINGS AND SIX SMALLER BUILDINGS HAVE BEEN CONSTRUCTED IN THE SUPPORT AREA. THE SLIGHTLY ANGLED STRUCTURE PREVIOUSLY MENTIONED IS STILL UNDER CONSTRUCTION.

25X1D

Handle Via
Talent-KEYHOLE
Control System Only

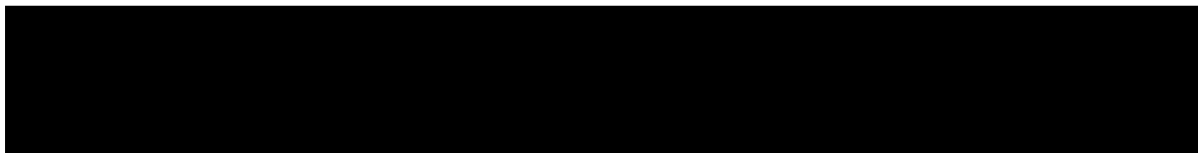
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TOP SECRET RUFF

TCS-20066/70 - IPIR 3
KH-4 MISSION 1109

SOVIET UNION
COMMO/ELEC/RADAR FACILITIES

25X1D



KLIMOVSK KRUG FACILITY

55-23-10N 037-28-15E

25X1D



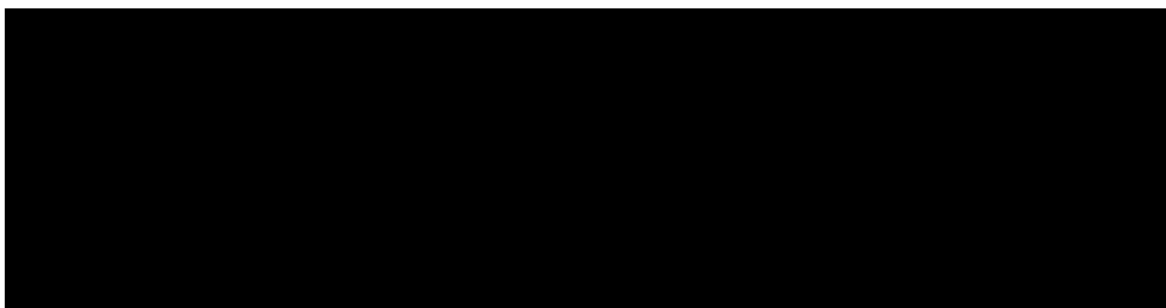
25X1A

STATUS: OPERATIONAL

REMARKS:

THE CENTRAL CONTROL BUILDING HAS PROBABLY BEEN MODIFIED TO A T-SHAPED CONFIGURATION SIMILAR TO THE TIKSI KRUG CONTROL BUILDING. SMALL SCALE AND SNOW COVER PRECLUDES ANALYSIS OF POSSIBLE ANTENNA MODIFICATION.

25X1D



MARFINO KGB ELECT RESEARCH INST

56-04-00N 037-34-00E

25X1D



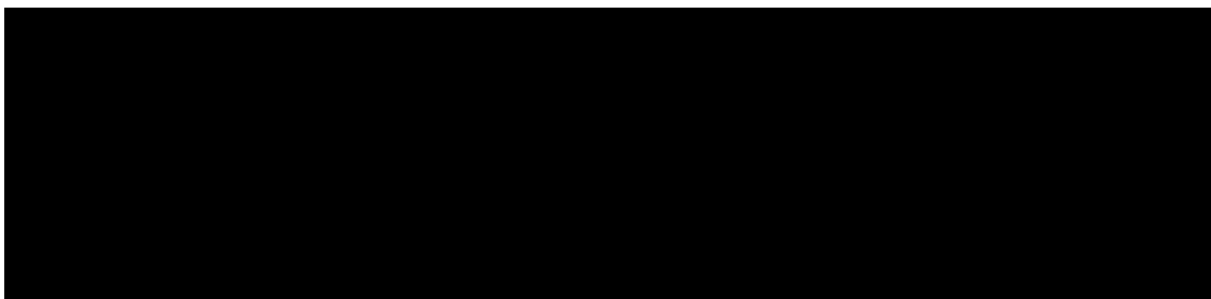
25X1A

STATUS: UNKNOWN

REMARKS:

NO ELECTRONICS EQUIPMENT OR FACILITY CAN BE OBSERVED AT THE REFERENCED COORDINATES.

25X1D



TCS-20066/70 - IPIR 3
KH-4 MISSION 1109

SOVIET UNION
COMMO/ELEC/RADAR FACILITIES

MOSCOW/VNUKOV0 KRUG FACILITY

55-30-//N 037-15-//E

25X1D

STATUS:ABANDONED

REMARKS:

THE CIRCLE OF CAGED DIPOLES AND THE BACK SCREEN HAVE BEEN REMOVED. SNOW HAS NOT BEEN REMOVED FROM THE ACCESS ROAD. THE PROBABLE SUPPORT AREA IS STILL OPERATIONAL.

25X1D

SIMFEROPOL SPACE FLIGHT CENTER

45-03-26N 033-53-42E

25X1D

STATUS:OPERATIONAL

REMARKS:

THE LARGE BUILDING ADJACENT TO THE WESTERN ESV BUILDING IS EXTERNALLY COMPLETE. THE BUILDING IS T-SHAPED WITH A

25X1D

25X1D

25X1D

MAIN PORTION AND A WING.

25X1D

OTHER RESULTS-NO APPARENT CHANGE

ANGARSK HF COMMUNICATIONS FAC EAST

52-32-44N 104-06-52E

25X1D

NAC

STATUS:OPERATIONAL

25X1A

Handle Via
Talent-KEYHOLE
Control System Only

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TOP SECRET RUFF

TCS-20066/70 - IPIR 3
KH-4 MISSION 1109

SOVIET UNION
COMMO/ELEC/RADAR FACILITIES

25X1D

[REDACTED]

BIYSK TALL KING-AIR WARNING RADAR FAC
[REDACTED] NAC

52-34-20N 085-11-00E

25X1D

STATUS:OCCUPIED

25X1A

25X1D

[REDACTED]

DZHEZKAZGAN ORBITA FACILITY
[REDACTED] NAC

47-46-20N 067-39-05E

25X1D

STATUS:OPERATIONAL

25X1A

25X1D

[REDACTED]

GRAKOV0 RADIO TELESCOPE FAC CH UGUYEV
[REDACTED] NAC

49-38-40N 036-56-40E

25X1D

STATUS:OPERATIONAL

25X1A

25X1D

[REDACTED]

ISTRA HF COMMUNICATIONS FACILITY
[REDACTED] NAC

55-53-10N 036-57-00E

25X1D

STATUS:OPERATIONAL

25X1A

25X1D

[REDACTED]

KANSK TALL KING-AW RADAR FACILITY
[REDACTED] NAC

56-08-10N 095-39-50E

25X1D

STATUS:OCCUPIED

25X1A

25X1D

[REDACTED]

TOP SECRET RUFF

TOP SECRET RUFF

TCS-20066/70 - IPIR 3
KH-4 MISSION 1109

SOVIET UNION
COMMO/ELEC/RADAR FACILITIES

KEMEROVO TV A FM BC CENTER
NAC

55-20-00N 086-05-00E

25X1D

25X1A

STATUS: OPERATIONAL

25X1D

KHIMKI KRUG FACILITY
NAC

55-55-55N 037-37-37E

25X1D

25X1A

STATUS: OPERATIONAL

25X1D

KOTY HF COMM RECEIVING SITE
NAC

52-36-50N 104-28-15E

25X1D

25X1A

STATUS: OPERATIONAL

25X1D

KOTY KRUG FACILITY
NAC

52-34-56N 104-32-00E

25X1D

25X1A

STATUS: OPERATIONAL

25X1D

MOSKVA/KOTOVO AIR WARNING RADAR FAC
NAC

55-57-10N 037-31-50E

25X1D

25X1A

STATUS: OCCUPIED

25X1D

TOP SECRET RUFF

Handle Via
Talent-KEYHOLE
Control System Only

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~~TOP SECRET RUFF~~

TCS-20066/70 - IPIR 3
KH-4 MISSION 1109

SOVIET UNION
COMMO/ELEC/RADAR FACILITIES

MOSKVA/ODINTSOVO AIR WARNING RADAR FAC
NAC

55-39-30N 037-16-02E

25X1D

25X1A

STATUS:OCCUPIED

25X1D

NOVOSIBIRSK KRUG FACILITY
NAC

55-15-28N 083-18-16E

25X1D

25X1A

STATUS:OPERATIONAL

25X1D

PENZA COMD CTL RDO XMTR STA HARD
NAC

53-20-00N 045-19-30E

25X1D

25X1A

STATUS:OPERATIONAL

25X1D

PLOTNIKOV SUSPECT HF COMMO FAC
NAC

55-03-00N 083-23-30E

25X1D

25X1A

STATUS:UNKNOWN

25X1D

SERPUKHOV RADIOASTRONOMY FACILITY
NAC

54-49-40N 037-37-30E

25X1D

25X1A

STATUS:OCCUPIED

25X1D

Handle Via
Talent-KEYHOLE
Control System Only

TCS-20066/70 - IPIR 3
KH-4 MISSION 1109

TOP SECRET RUFF

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SOVIET UNION
COMMO/ELEC/RADAR FACILITIES

SERPUKHOV TRACKING FACILITY

54-50-20N 037-28-30E

25X1D

NAC

25X1A

STATUS: OPERATIONAL

25X1D

TALDOM HF COMMUNICATIONS FACILITY

56-43-35N 037-33-40E

25X1D

NAC

25X1A

STATUS: OPERATIONAL

25X1D

TIKSI KRUG FACILITY

71-38-58N 128-39-45E

25X1D

NAC

25X1A

STATUS: OPERATIONAL

25X1D

TIKSI TROPOSCATTER FACILITY

71-38-01N 128-45-23E

25X1D

NAC

25X1A

STATUS: OPERATIONAL

25X1D

ULYANOVSK TALL KING-AW RADAR FACILITY

54-21-00N 048-19-30E

25X1D

NAC

25X1A

STATUS: OCCUPIED

25X1D

TCS-20066/70 - IPIR 3
KH-4 MISSION 1109

SOVIET UNION
COMMO/ELEC/RADAR FACILITIES

25X1D YALTA RADIOASTRONOMY FACILITY SIMEIZ
[REDACTED] NAC

44-23-50N 033-58-20E

STATUS: OCCUPIED

25X1A

25X1D

[REDACTED]

Handle Via
Talent-KEYHOLE
Control System Only

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TOP SECRET RUFF

TCS-20066/70 - IPIR 3
KH-4 MISSION 1109

SOVIET UNION
AIR BASE FACILITIES

SIGNIFICANT RESULTS

GURYEV AIRFIELD NORTHEAST
NAC

47-14-20N 052-00-30E

25X1D

25X1A

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

1 LIGHT STRAIGHT-WING ON
RUNWAY

3 POSS LIGHT HELICOPTERS

25X1D

KAGAN AIRFIELD SOUTH
NAC

39-41-25N 064-33-02E

25X1D

25X1A

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:
15 HOOK

27 MEDIUM HELICOPTERS

25X1D

KANSK AIRFIELD

NAC

56-09-33N 095-42-30E

25X1D

25X1A

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

1 PROB BADGER
1 POSS BEAGLE
31 CAB

36 SMALL SWEPT-WING
8 SMALL STRAIGHT-WING

25X1D

TOP SECRET RUFF

TCS-20066/70 - IPIR 3
KH-4 MISSION 1109

SOVIET UNION
AIR BASE FACILITIES

NOVOSIBIRSK/TOLMACHEVO AIRFIELD

55-00-46N 082-38-54E

25X1D

STATUS: OPERATIONAL

REMARKS:

A PROBABLE AAM FACILITY IS 0.5 NM NE OF THE AIRFIELD. THE FACILITY IS DOUBLE SECURED AND CONTAINS THREE DRIVE-IN BUILDINGS, TWO SMALL REVETTED BUILDINGS, TWO SEPARATELY WALLED BUILDINGS, AND ONE PROBABLE GUARD AND CHECKOUT BUILDING. AN AW RADAR FACILITY WITH AT LEAST THREE OCCUPIED RADAR MOUNDS AND SIX SUPPORT BUILDINGS IS IMMEDIATELY NORTH OF THE PROBABLE AAM FACILITY.

AIR ORDER OF BATTLE:

5 PROB BEAGLE

6 CAT/CUB/CAMP

2 CAB

9 MEDIUM SWEEP-WING

18 SMALL DELTA-WING

4 SMALL SWEEP/DELTA-WING

8 LIGHT STRAIGHT-WING

9 SMALL STRAIGHT-WING

6 HELICOPTERS

25X1A

25X1D

YOSHKAR-OLA AIRFIELD

56-39-42N 048-01-55E

25X1D

STATUS: OPERATIONAL

REMARKS:

POOR INTERPRETABILITY OF THE PHOTOGRAPHY FROM [REDACTED] PROBABLY ACCOUNTS FOR THE LOW AOB COUNT ON THAT DATE. THE PHOTOGRAPHY FROM [REDACTED] REVEALS THAT THE RUNWAY, PARALLEL TAXIWAY, AND END-CONNECTING LINKS HAVE BEEN CLEARED OF SNOW.

THE NUMBER OF FLAGON AT THIS AIRFIELD HAS INCREASED FROM 14 IN [REDACTED] AND 24 IN [REDACTED] TO 30 ON THIS MISSION.

AIR ORDER OF BATTLE:

5 POSS AIRCRAFT

25X1A

TOP SECRET RUFF

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Control System Only

TOP SECRET RUFF

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TCS-20066/70 - IPIR 3
KH-4 MISSION 1109

SOVIET UNION
AIR BASE FACILITIES

25X1D

30 PROB FLAGON
11 SMALL SWEPT-WING

2 PROB SMALL STRAIGHT-WING

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X2

MOSKVA NATL AD HQ

NAC

55-46-46N 038-01-05E

25X1D

STATUS:OCCUPIED

25X1A

25X1D

NARO-FOMINSK POSS COMMAND/CONTROL FAC

NAC

55-27-00N 036-49-00E

25X1D

STATUS:UNDER CONSTRUCTION

25X1A

25X1D

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TOP SECRET RUFF

TCS-20066/70 - IPIR 3
KH-4 MISSION 1109

SOVIET UNION
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

BIYSK ARMY BARRACKS AL 2
NAC

52-32-50N 085-11-52E

25X1D

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
100 VEHICLES AND PIECES OF
EQUIPMENT (AT LEAST)

25X1D

BIYSK ARMY BARRACKS AL 6
NAC

52-33-25N 085-16-56E

25X1D

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
10 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D

KAGAN ARMY BARRACKS AL 1
NAC

39-43-19N 064-32-30E

25X1D

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
10 VEHICLES AND PIECES OF
EQUIPMENT (AT LEAST)

25X1D

Handle Via
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TOP SECRET RUFF

TCS-20066/70 - IPIR 3
KH-4 MISSION 1109

SOVIET UNION
GROUND FORCE FACILITIES

KERKI ARMY BARRACKS NORTH AL 2
NAC

37-50-25N 065-12-15E

25X1D

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
5 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D

KRASNOYARSK ARMY BARRACKS NORTH AL 2
NAC

56-03-01N 092-55-46E

25X1D

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
150 VEHICLES (AT LEAST)

25X1D

NOVOSIBIRSK ARMY BKS NORTHEAST AL 1
NAC

55-01-55N 082-57-30E

25X1D

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:
150 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D

25X2

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TOP SECRET RUFF

TCS-20066/70 - IPIR 3
KH-4 MISSION 1109

SOVIET UNION
INDUSTRY

SIGNIFICANT RESULTS

25X1D KHARKOV AIRFRAME PLT 135
[REDACTED] NAC

50-01-27N 036-15-44E

25X1A

STATUS: OPERATIONAL

25X1D ASSOCIATED OBJECTS:

1 CRUSTY

1 LIGHT STRAIGHT WING

25X1D

25X1D KHARKOV TRACTOR ASSEMBLY PLANT

49-57-59N 036-09-35E

25X1A

STATUS: OPERATIONAL

REMARKS:

THE INSTALLATION CONTAINS FOUR ASSEMBLY BUILDINGS, AT LEAST 12
SHOP BUILDINGS AND A NUMBER OF UTILITY-TYPE STRUCTURES.

25X1D

25X1D MOSCOW CENTRAL AFLD
[REDACTED] NAC

55-47-20N 037-31-47E

25X1A

STATUS: OPERATIONAL

TOP SECRET RUFF

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TOP SECRET RUFF

TCS-20066/70 - IPIR 3
KH-4 MISSION 1109

SOVIET UNION
INDUSTRY

25X1D ASSOCIATED OBJECTS:

[REDACTED]
1 LIGHT STRAIGHT WING
17 SMALL HELICOPTERS (AT
LEAST)

25X1D

[REDACTED]
1 PROB CRATE
1 LIGHT STRAIGHT WING

17 SMALL HELICOPTERS (AT
LEAST)

25X1D

[REDACTED]

MOSCOW/LYUBERTSY AIRFIELD
NAC

55-41-05N 037-51-20E

25X1D

[REDACTED]

25X1A

STATUS: OPERATIONAL

25X1D

ASSOCIATED OBJECTS:
[REDACTED] -- MIL AREA
10 HEAVY HELICOPTERS
11 MEDIUM HELICOPTERS (AT
LEAST)

25X1D

[REDACTED] -- KAMOV AREA
8 PROB SMALL HELICOPTERS
(AT LEAST)

25X1D

[REDACTED] -- MAINTENANCE + REPAIR AREA
1 CAT/CUB
1 MEDIUM SWEEP WING
1 SMALL SWEEP WING

4 LIGHT STRAIGHT WING
1 HEAVY HELICOPTER

25X1D

[REDACTED] -- MIL AREA
4 POSS HARKE
6 PROB HOOK

7 MEDIUM HELICOPTERS (AT
LEAST)

25X1D

[REDACTED] -- KAMOV AREA
11 SMALL HELICOPTERS
(APPROXIMATELY)

TOP SECRET RUFF

TCS-20066/70 - IPIR 3
KH-4 MISSION 1109

SOVIET UNION
INDUSTRY

25X1D

[REDACTED] -- MAINTENANCE + REPAIR AREA
1 CAT/CUB 1 SMALL STRAIGHT WING
2 CRATE 1 HEAVY HELICOPTER
1 MEDIUM SWEPT WING

25X1D

[REDACTED]

MOSKVA AC EXPERIMENTAL PLANT 51
NAC

55-46-59N 037-32-40E

25X1D

STATUS: OPERATIONAL

25X1A

25X1D

[REDACTED]

MOSKVA AC PLANT DOLGOPRUDNAYA 464

55-55-46N 037-30-27E

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

A LARGE NEW SHOP BUILDING ON THE NORTH SIDE OF THE PLANT IS NOW NEARING COMPLETION. ALTHOUGH ROOFING IS COMPLETE, THE SEPARATE SECURITY FENCE ABOUT THE BUILDING INDICATES IT IS NOT YET OPERATIONAL. EARLY CONSTRUCTION ACTIVITY WAS DISCERNIBLE IN

25X1D

ASSOCIATED OBJECTS:

25X1D

1 SMALL STRAIGHT WING

25X1D

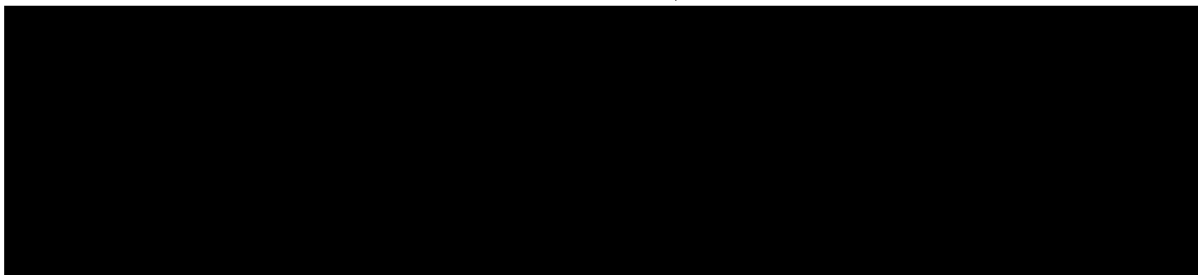
1 SMALL STRAIGHT WING

TOP SECRET RUFF

TCS-20066/70 - IPIR 3
KH-4 MISSION 1109

SOVIET UNION
INDUSTRY

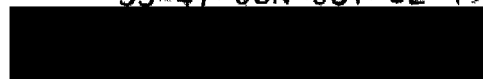
25X1D



MOSKVA AIRFRAME PLANT 30
NAC

55-47-03N 037-32-49E

25X1D



25X1A

STATUS: OPERATIONAL

25X1D

ASSOCIATED OBJECTS:



1 LIGHT STRAIGHT WING
17 SMALL HELICOPTERS (AT
LEAST)

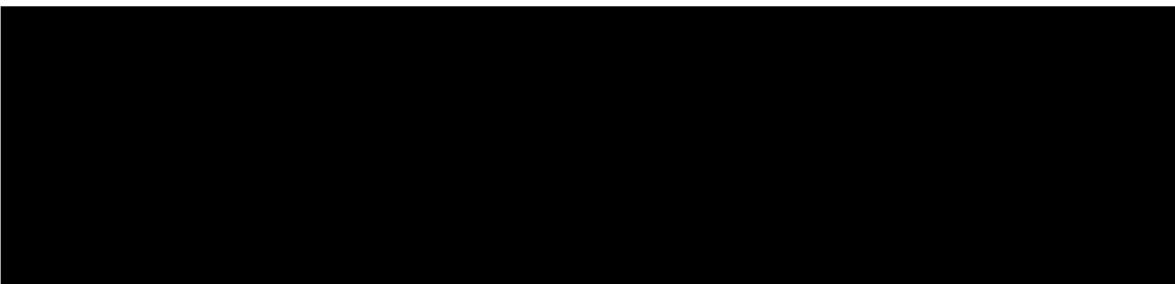
25X1D



1 PROB CRATE
1 LIGHT STRAIGHT WING

17 SMALL HELICOPTERS (AT
LEAST)

25X1D

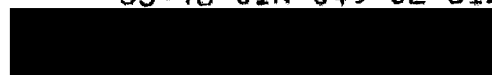


OTHER RESULTS-NO APPARENT CHANGE

KAZAN AIRFRAME PLANT A-387
NAC

55-48-01N 049-02-51E

25X1D



25X1A

STATUS: OPERATIONAL

25X1D



TOP SECRET RUFG

TCS-20066/70 - IPIR 3
KH-4 MISSION 1109

SOVIET UNION
INDUSTRY

25X1D KHARKOV AGE EQP A LOCO PLT MALYSHEV 75 49-58-13N 036-16-55E 25X1A
[REDACTED] NAC [REDACTED]

STATUS: OPERATIONAL

25X1D

[REDACTED]

25X1D KHARKOV AVIATION INSTITUTE 50-02-30N 036-17-05E 25X1A
[REDACTED] NAC [REDACTED]

STATUS: OPERATIONAL

25X1D

[REDACTED]

25X1D LYUBERTSY EXP HELO PLANT KAMOV 55-42-00N 037-53-00E 25X1A
[REDACTED] NAC [REDACTED]

STATUS: OPERATIONAL

25X1D

[REDACTED]

25X1D MOSCOW/FILI AIRFIELD 55-45-40N 037-29-24E 25X1A
[REDACTED] NAC [REDACTED]

STATUS: OPERATIONAL

ASSOCIATED OBJECTS:

25X1D

[REDACTED]

NO AIRCRAFT DISCERNIBLE

25X1D

[REDACTED]

NO AIRCRAFT DISCERNIBLE

TOP SECRET RUFG

Handle Via
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Control System Only

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TOP SECRET RUFF

TCS-20066/70 - IPIR 3
KH-4 MISSION 1109

SOVIET UNION
INDUSTRY

25X1D



MOSKVA AC ENG EXPMT P LUZNetskAYA 300
NAC

55-42-59N 037-34-13E

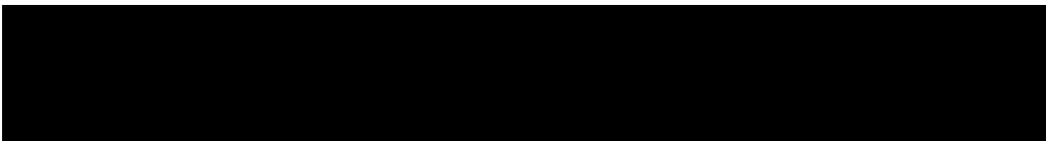
25X1D



25X1A

STATUS: OPERATIONAL

25X1D



MOSKVA AC ENGINE PLANT 45
NAC

55-46-19N 037-43-23E

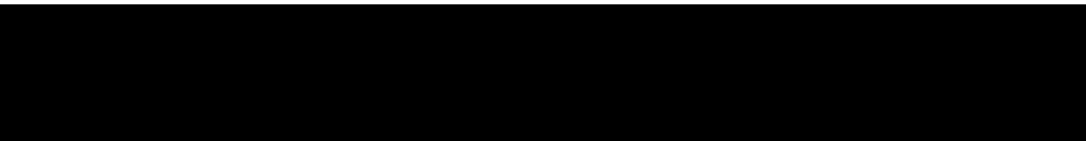
25X1D



25X1A

STATUS: OPERATIONAL

25X1D



MOSKVA AC EXPERIMENTAL PLANT TSAGI 156
NAC

55-45-45N 037-40-45E

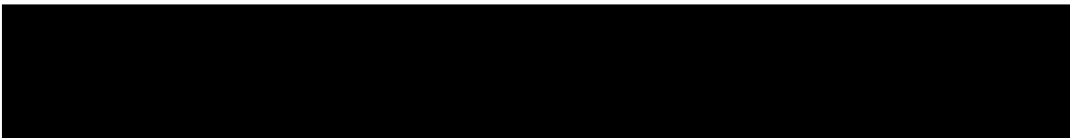
25X1D



25X1A

STATUS: OPERATIONAL

25X1D



MOSKVA AC EXPERIMENTAL PLANT 155
NAC

55-48-45N 037-30-30E

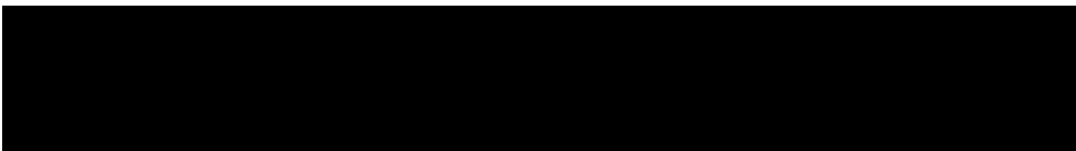
25X1D



25X1A

STATUS: OPERATIONAL

25X1D



Handle Via
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Control System Only

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TOP SECRET RUFG

TCS-20066/70 - IPIR 3
KH-4 MISSION 1109

SOVIET UNION
INDUSTRY

MOSKVA AC EXPERIMENTAL PLANT 240
NAC

55-47-55N 037-33-00E

25X1D

25X1A

STATUS: OPERATIONAL

25X1D

MOSKVA AIRFRAME PLANT FILI 23
NAC

55-45-24N 037-29-26E

25X1D

25X1A

STATUS: OPERATIONAL

25X1D

ASSOCIATED OBJECTS:

NO AIRCRAFT DISCERNIBLE

25X1D

NO AIRCRAFT DISCERNIBLE

25X1D

MOSKVA EXPERIMENTAL ENGINE PLANT 165
NAC

55-49-35N 037-39-35E

25X1D

25X1A

STATUS: OPERATIONAL

25X1D

MOSKVA MOTOR VEHICLE PLANT LIKHACHEV
NAC

55-41-53N 037-38-31E

25X1D

25X1A

STATUS: OPERATIONAL

Handle Via
Talent-KEYHOLE
Control System Only

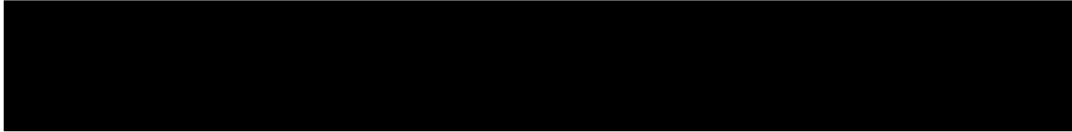
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TOP SECRET RUFF

TCS-20066/70 - IPIR 3
KH-4 MISSION 1109

SOVIET UNION
INDUSTRY

25X1D



MYTISHCHI ELECTRONIC RESEARCH COMPLEX
NAC

55-55-20N 037-44-50E

25X1D



25X1A

STATUS: OPERATIONAL

25X1D



ZAPOROZHYE AC ENGINE PLANT 478
NAC

47-49-28N 035-11-47E

25X1D



25X1A

STATUS: OPERATIONAL

25X1D



Approved For Release 2000/08/22 : CIA-RDP80-0104562A000300010001-1

~~TOP SECRET~~

001046352

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Approved For Release 2000/08/22 : CIA-RDP80-0104562A000300010001-1

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